

Appl. No. 09/863,528
Amdt. dated Friday, April 02, 2004
Reply to Notice of February 3, 2004



#8

SEQUENCE LISTING

<110> Nebert, Daniel W.
<120> TRANSGENIC ANIMALS FOR MONITORING WATER
QUALITY
<130> 91830/0476945
<140> 09/863,528
<141> 2001-05-22
<150> 60/206,196
<151> 2000-05-22
<160> 6
<170> FastSEQ for Windows Version 4.0
<210> 1
<211> 7
<212> DNA
<213> Artificial Sequence

<220>
<223> Response element AHRE

<400> 1
twgcgtg

<210> 2
<211> 10
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(1)
<223> n=a,t,g, or c; r=a or g; w=a or t

<221> misc_feature
<222> (6)...(8)
<223> n=a,t,g, or c; r=a or g; w=a or t

<223> Response element RXRE

<400> 2
rtgacnnnngc

<210> 3
<211> 9

7

10

Appl. No. 09/863,528
Amdt. dated Friday, April 02, 2004
Reply to Notice of February 3, 2004

```
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (4)...(4)
<223> n=a,t,g, or c; r=a or g; w=a or t

<221> misc_feature
<222> (6)...(6)
<223> n=a,t,g, or c; r=a or g; w=a or t

<223> Response element RXRE

<400> 3
tgcrcncgg

<210> 4
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (6)...(8)
<223> n=a,t,g, or c; r=a or g; w=a or t

<223> Response element RXRE

<400> 4
ggtcannntg acc

<210> 5
<211> 13
<212> DNA
<213> Artificial Sequence

<220>
<221> misc_feature
<222> (1)...(1)
<223> n=a,t,g, or c; r=a or g; w=a or t

<221> misc_feature
<222> (7)...(8)
<223> n=a,t,g, or c; r=a or g; w=a or t

<223> Response element RXRE

<400> 5
rggtcanrgg tca
```

9

13

13

Appl. No. 09/863,528
Amdt. dated Friday, April 02, 2004
Reply to Notice of February 3, 2004

<210> 6
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> Response element RXRE

<400> 6
gggtcaaag gtcaggggtc atggggtca

29